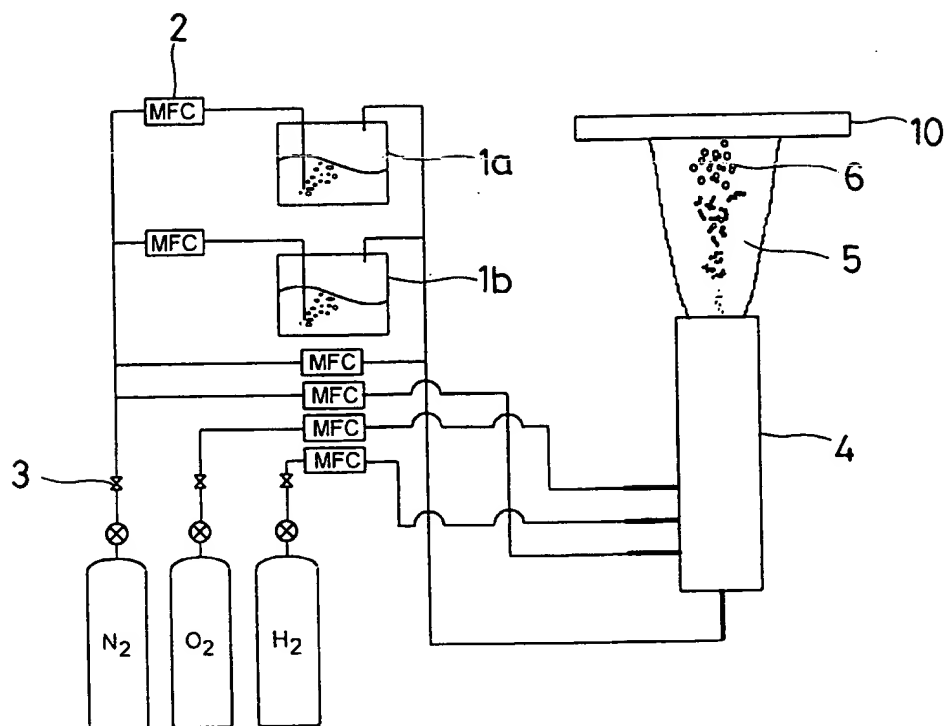


FIG.1 (PRIOR ART)



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FIG.2A (PRIOR ART)

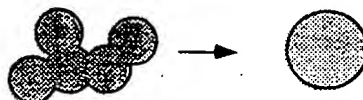


FIG.2B (PRIOR ART)

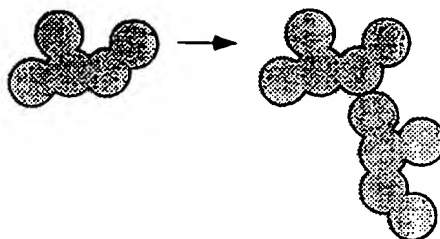
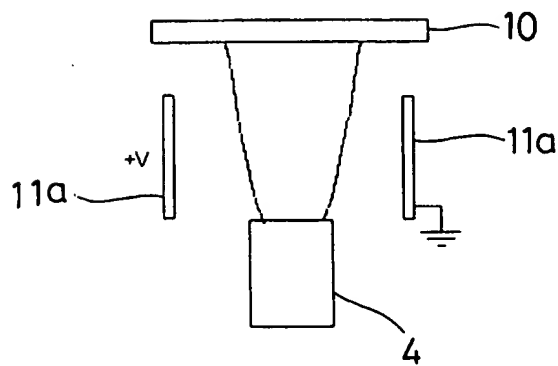


FIG.3 (PRIOR ART)



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FIG.4 (PRIOR ART)

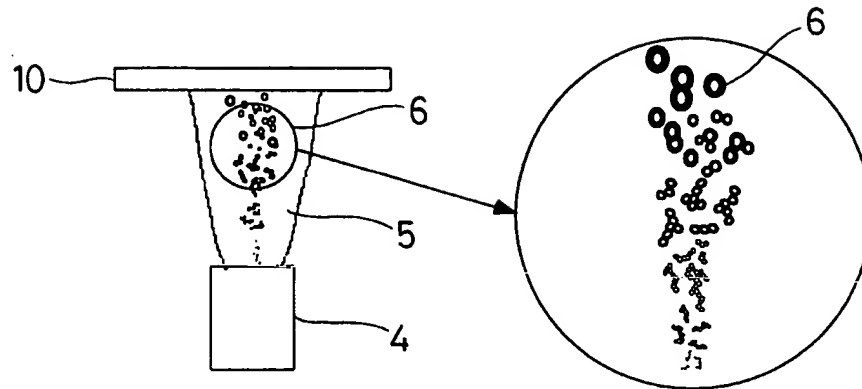
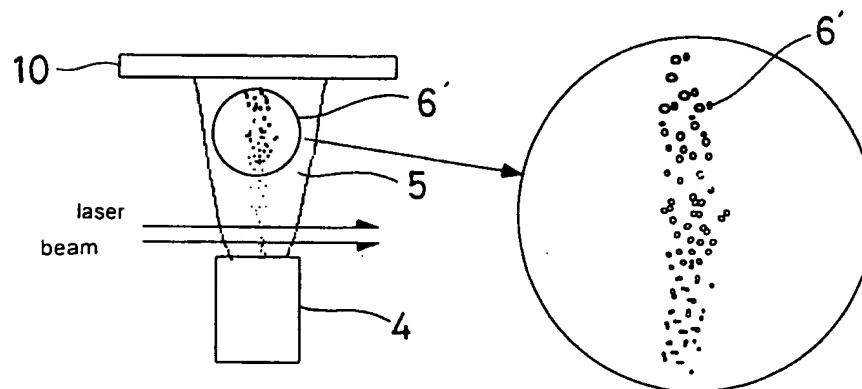


FIG.5



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FIG. 6A

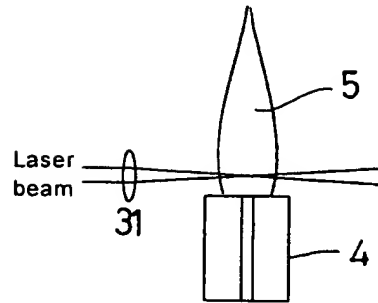


FIG. 6B

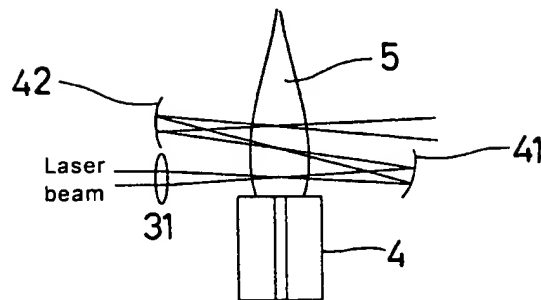


FIG. 6C

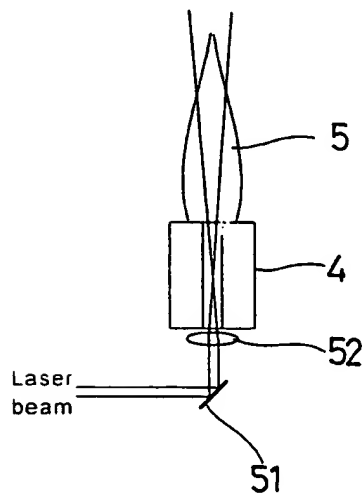


FIG. 7

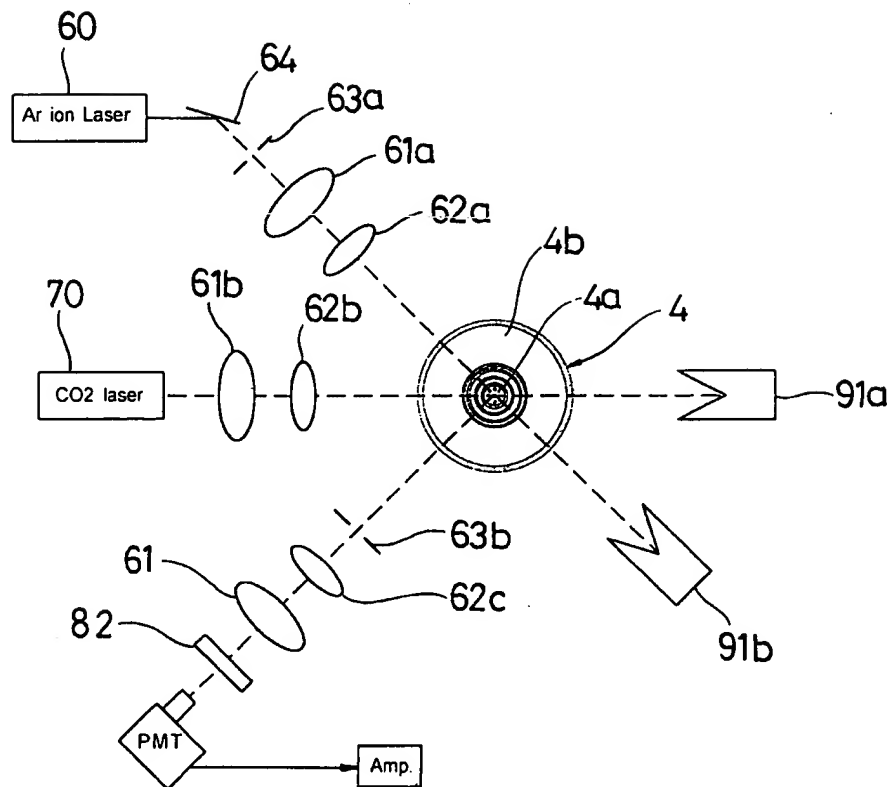
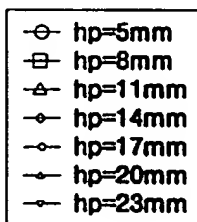
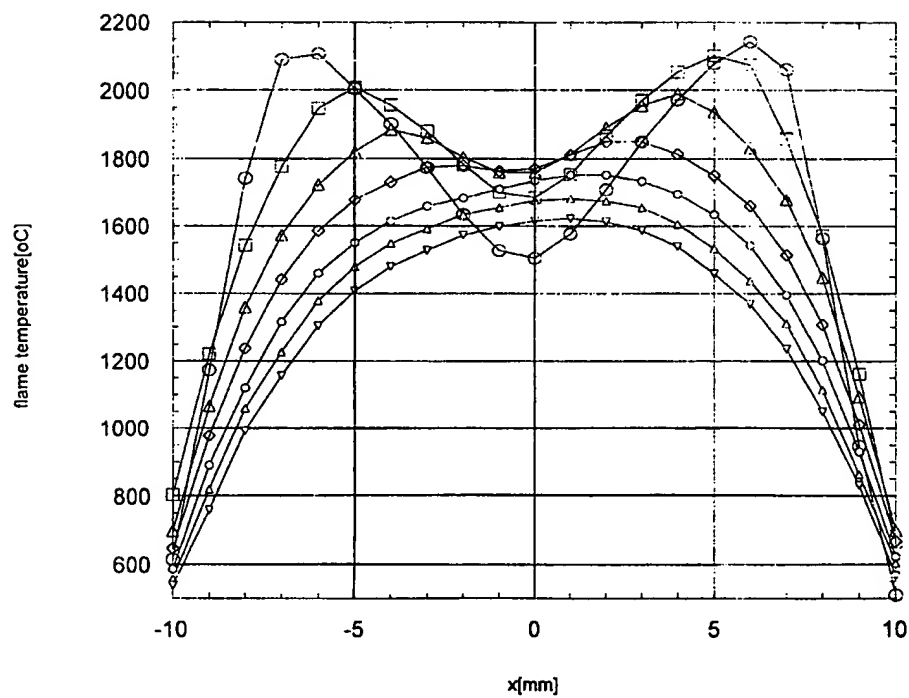


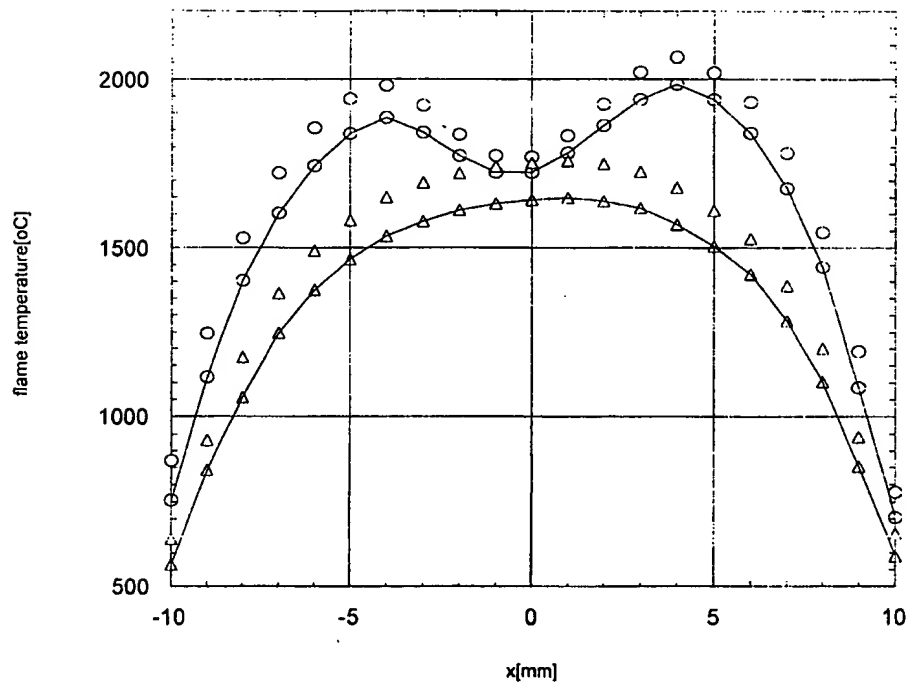
FIG.8A



total carrier gas flowrate
0.225 lpm

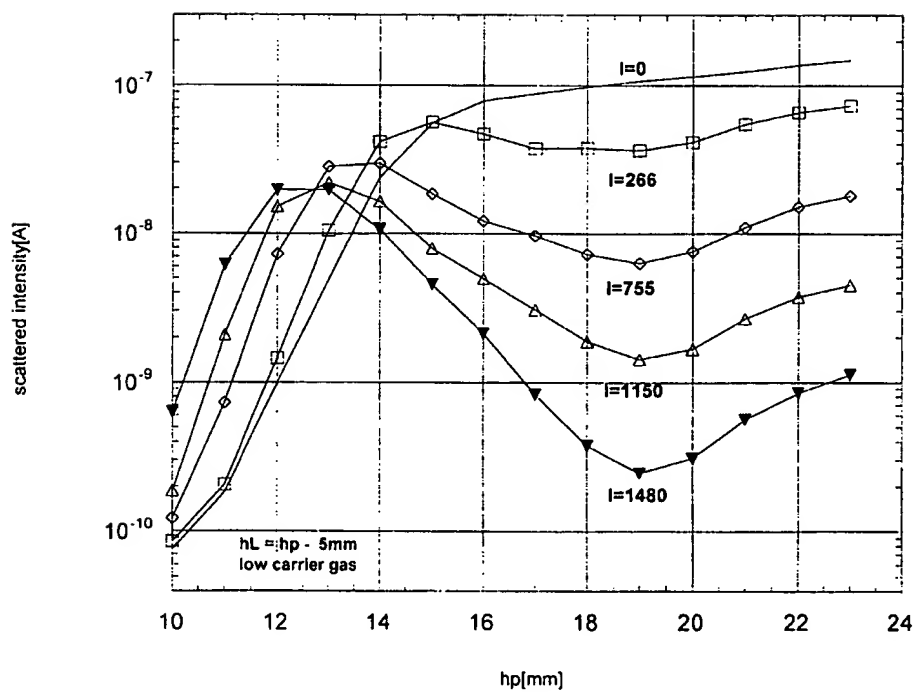
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FIG.8B



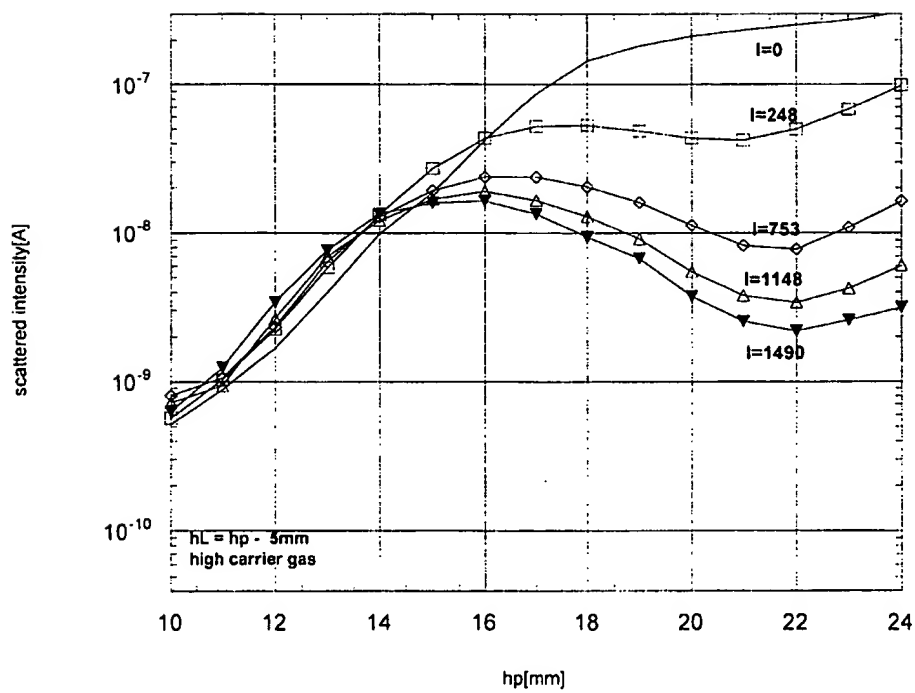
- hp=11mm, WITHOUT CO₂ laser
- hp=11, CO₂ laser power=1137W
- △ hp=20mm, WITHOUT CO₂ laser
- △ hp=20, CO₂ laser power=1137W

FIG.9A



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FIG.9B



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FIG. 10

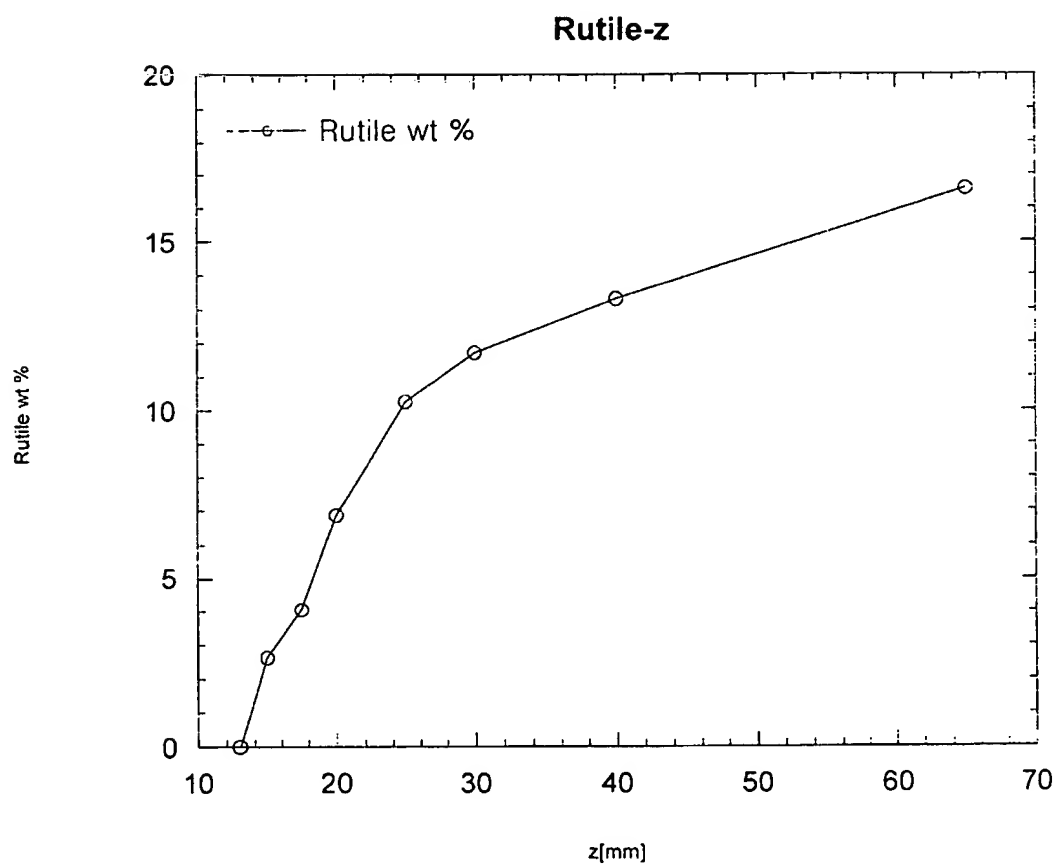
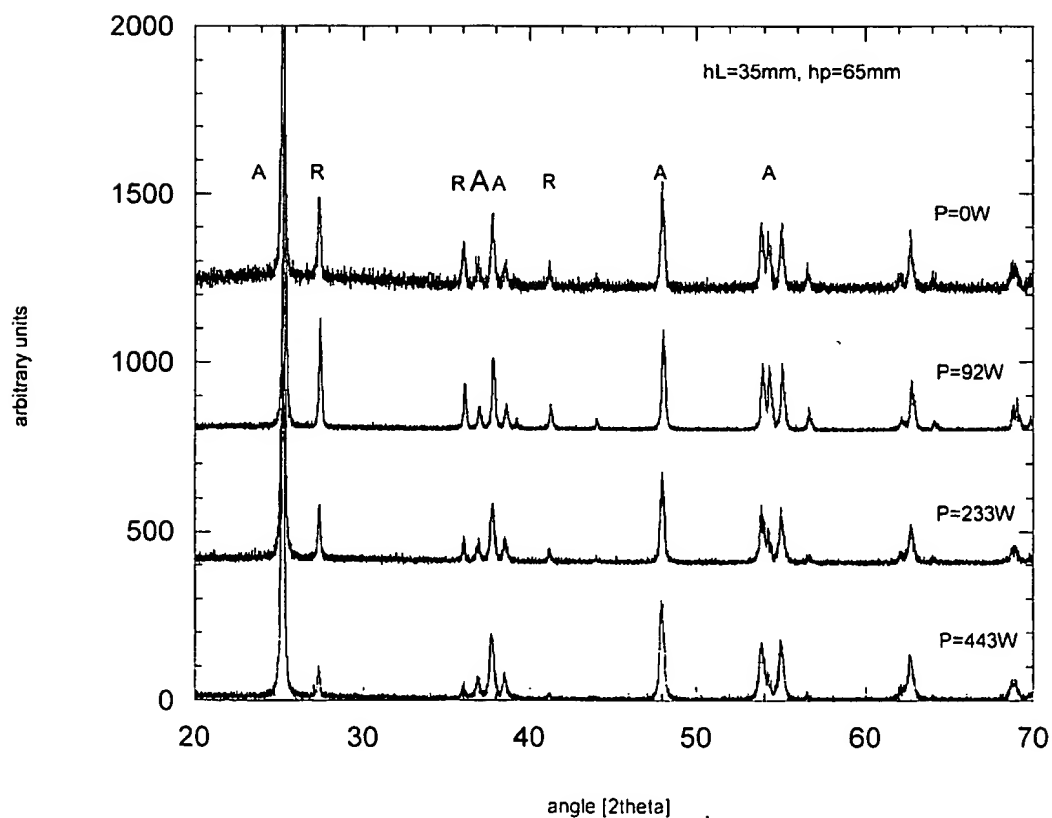


FIG. 11



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FIG.12

